Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 3rd & Final bill

YNK-DBR No.....
Date.....Dated.....

To AEE, YSTSD

SBR No: 78/21-22

Division: Yelahanka. Sub Division: Yelahanka Satellite Town.

Bill Received No.....Cash Book Voucher No.....dated

Date: 29/9/2021

Scheduled Docket No.....

Name of Work:"Asphalting to roads at Chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Job Code No: 003-20-000077

Est. cost: 200.00 lakhs

Name of Contractor and Full Address : M/s Technical Manager(West), KRIDL, Bangaluru, 5th Block, 17th Main Shivakumara Swamy building, Bhashyam Circle, Bangalore 560010.

Work Order No: **BBMP/EE/YNK.D/WO/194/2019-20,**

Dated: 10.11.2019

Certified that the measurements were taken by me on 31.5.2021 and recorded in pages 466096 to 466099/2 of measurement Book No. 4661/2016-17 and that the work is satisfactorily executed.

Asst Executive Engineer, Yelahanka Yeshwanthpura Sub Division, KRIDL, BBMP, Bangalore

Officer-in-charge of work 31/5/2021

Certified that the measurements were taken by me on 31/05/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Total. 1 95 69 767

Previous 1 27 66 224.00

Sub-Division Officer.

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governing materials supplied

Progress Amt =Rs	6 80 354 3-00
FSD =Rs	340177-00
CGST =Rs	60746-00
SGST =Rs	60746-00
IT =Rs	136071-00
LC =Rs	68036-00
CBF =Rs	6804-00
Royalty =Rs	68102-00
T.D. =Rs	7 40 682-00
Net Amt=Rs	60 62 861-00

Asst Executive Engineer, Yelahanka Yeshwanthpura Sub Division, KRIDL BBMP Bangalore

Contractor's Signature

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....

Asst Executive Engineer, Yelahanka Yeshwanthpura Sub Division, KRIDL BBMP Bangalore

(For use in the Office)

Audited & Admitted for Rs. 68.03.543-00

Sixty eight Lakh three thousand five hundred & Sixty three.

60.62.861-00 by Cheque

and Rs. 7.40.682-00 by adjusement

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Accts Supdt. Yelahanka Division BBMP

Exe. Engineer Yelahanka Division BBMP

Initials of Officer Making Payment

Executive Engineer

Bruhat Bangalore Mahanagara Palike,

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

ABSTRACT

Sl No	Description of Work	Unit	As Per Schedule B			Previous Measurement		Present Measurement			Up to Date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. P No. 143/ Item No. 19.1/ PWD SR 2018-19	Cum	758.11	211.79	160560.12	758.11	160560.12	0.00	211.79	0.00	758.11	160560.12
2	KSRRMBM2990 Plain cement concrete of mix M10 MIX with crushed stone aggregaes 40mm nomial size mechanically mixed, placed infoundation and compacted by viberation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. p No. 254/ Item No. 34.2/PWD SR 2018-19	Cum	113.72	4479.56	509415.56	113.56	508698.83	0.00	4479.56	0.00	113.56	508698.83
3	Providing and laying plain reinforced cement concrete for side drains using M20 nomial mix concrete with OPC cement @ 300kgs, with 20mm and down size granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc, complete excluding cost of stell as per MORTH specification NO. 1500, 1700, 2200. Including cost of materials, labour, HOM complete as per specifications. Item No. 37.59.2/ page no:271/PWD SR 2018-19	Cum	233.83	7070.20	1653224.87	233.29	1649406.96	0.00	7070.20	0.00	233.29	1649406.96
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio (I No-28.8.2 P No-229)	MT	13.36	72326.98	966288.45	13.36	966288.45	0.00	72326.98	0.00	13.36	966288.45
5	supplying and fixing precast reinforced concrete slab 100mm thick of mix M20 using 20mm and downside graded granite metal using reinforcement 10mm dia steel at 150mm c/c both ways cost of transportation, hire charges of machinary, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of materials (Data Rate)	Sqm	585.00	2337.00	1367145.00	584.64	1366303.68	0.00	2337.00	0.00	584.64	1366303.68

6	Providing and fixing Pre cast solid concrete kerb stones of size 450 x 150 x 400 mmmade out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.	Nos	1499.00	477.00	715023.00	1499.00	715023.00	0.00	477.00	0.00	1499.00	715023.00
7	KSRB 800-1 Providing two coats after filling the surface with synthetic enamel paint in approved shades on new plastered surfaces, with materials, labour, complete as per specifications. MORTH chapter 8. (P No.180, I No.24.1 of PW, P&IWTD SR 2018-19)	Sqm	269.32	84.80	22838.34	269.29	22835.79	0.00	84.80	0.00	269.29	22835.79
8	KSRRB M300-13.Excavation for road way in hard rock (requiring blasting) by drilling and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with lead of 1.00 km and complete as per specifications (excavated rock credited to contractor) MORTH specification no 301. SRRB M300-13.Excavation for road way in hard rock (requiring blasting) by drilling and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with lead of 1.00 km and complete as per specifications (excavated rock credited to contractor) MORTH specification no 301.	Cum	2906.81	43.46	126329.96	2901.27	126089.19	0.00	43.46	0.00	2901.27	126089.19
9	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3(P No.146, I No.19.56)	Sqm	0.00	41.34	0.00	0.00	0.00	0.00	41.34	0.00	0.00	0.00
10	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 KPWD S.R 2018-19 Page No. 147 I No. 19.64	Sqm	7267.02	6.36	46218.25	7248.61	46101.16	0.00	6.36	0.00	7248.61	46101.16
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5 P No-153)	Cum	944.71	1855.00	1752437.05	942.32	1748003.60	0.00	1855.00	0.00	942.32	1748003.60

12	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155.1 No-20.18)	Cum	1816.75	2001.28	3635825.44	1812.15	3626619.55	0.00	2001.28	0.00	1812.15	3626619.55
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158.1 No-21.6)	Sqm	7267.02	33.92	246497.32	0.00	0.00	7264.75	33.92	246420.40	7264.75	246420.40
14	KSRRB 500-11. Providing and laying bituminous macadam on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F.E loader.Hot mixing of Stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve desired density, but excluding cost of primer/Tack coat including lead, lift and cost of all materials, labour HOM of machinaries complete as per Specifications. MORTH Ch 5. using 40/60 TPH capacity HMP with Mechanical paver Gr-II (50mm - 75mm) with 3.4% VG-30 bitumen.(P.No-159.1 No-21.11.6)	Cum	363.35	7428.48	2699138.21	0.00	0.00	363.32	7428.48	2698904.69	363.32	2698904.69
15	KSRRB M500-2. Cleaning the excisting black topped surface with brooms, soft brushs and finally dusting with old gunny bags and compressed air to receive bituuminous tratement including cost of all materials, labours, HOM complete as per specifications. P No. 158/ Item No. 21.2/ PWD SR 2018-19	Sqm	7267.02	5.30	38515.21	0.00	0.00	7264.75	5.30	38503.19	7264.75	38503.19
16	KSRRB M500-7. Tack Coat:- Providing and applying tack coat using 80/100 grade bitumen (VG 10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mechancial broom. complete as per specifications. MORTH Specification No. 503 (P-159. Item no 21.10).	Sqm	7267.02	12.72	92436.49	0.00	0.00	7264.75	12.72	92407.65	7264.75	92407.65

SHRIYA CONSTRUCTION AND CONSULTANCY

17	providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification 30-45mm compacted thicikness (GradingII) With 6% bitumen 80/100, No. 161/ Item No. 21.22.1/ PWD SR 2018-19	Cum	290.68	8831.92	2567262.51	0.00	0.00	290.59	8831.92	2566468.52	290.59	2566468.52
18	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (Page No 181., I.No.24.15 of KPWD S.R 2015-16).	Sqm	215.93	454.74	98192.01	0.00	0.00	210.24	454.74	95604.54	210.24	95604.54
EIRL-1	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc complete.As per Engineer incharge(Data Rate)	Sqm	12.84	5418.00	69567.12	12.84	69567.12	0.00	5418.00	0.00	12.84	69567.12

SHRIYA CONSTRUCTION AND CONSULTANCY

EIRL-2	KSRB M800-35 Suply and Installation of moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) Moulded body and reflective panels with micro prismatic lens cabable of providing total internal reflection of the light entering the lens face and shall support a load of 1600k kgs tested in accordance to specifications of category A of MORTH circular no RW/NH/33023/10-97DO III Date: 11.06.1997. The height, width and length shall not exceed 50mm, 100mm, and 102mm and with minimum reflective area of 13sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integratedcylindrical shanks, (of dia not less than 19mm and height not less than 30mm) from the body is to be a minimun of 500kgs.Fixing will be by drilling holes on the roads for the shanks to go inside without nails using epoxy resin based adhesive as per manufacturer's recomendations and complete as per direction of engineer in charge (P no 187. 1 No 24.41of PWD BCSR 2018-19)	Nos	355.00	357.22	126813.10	0.00	0.00	355.00	357.22	126813.10	355.00	126813.10
				Total	16893728.00		11005497.46			5865122.09		16870619.55
				GST charges 12%	2027247.00		1320660.00			703815.00		2024474.00
				KRIDL charges 4%	675749.00		440220.00			234605.00		674825.00
				Grand Total	19596724.00		12766378.00			6803543.00		19569919.00

Asst. Engineer
Yelahanka / Yeshwanthpura Sub Division,
KRIDL, BBMP, Bangalore

The Work has been done Satisfactorily
There is no departmental issues by BBMP

12766294.00

19569767

31/5/2021

PMC

CONTRACTOR

Asst. Engineer

31/5/2021

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RBNP ಬೆಂಗಳೂರು-106